Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010824.D
Acq On : 10 May 2019 20:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02594

Manual Integrations APPROVED
MMDadoda
5/13/2019 3:45:30 AM

Quant Time: May 11 00:21:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	89777	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46332	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28881	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.84%			
7) Chloroethane-d5	1.57	69	25795	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.92%			
10) 1,1-Dichloroethene-d2	2.13	63	65362	21.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.44%			
20) 2-Butanone-d5	3.93	46	20599m	49.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.44%			
24) Chloroform-d	4.40	84	58150	23.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.04%			
26) 1,2-Dichloroethane-d4	5.08	65	37409	24.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
29) Benzene-d6	5.10	84	108297	22.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.56%			
33) 1,2-Dichloropropane-d6	6.12	67	35512	22.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.12%			
37) Toluene-d8	7.36	98	97956	20.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.64%			
38) trans-1,3-Dichloropropene-	7.66	79	15406	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.72%			
39) 2-Hexanone-d5	8.13	63	14271	43.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.48%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34593	23.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	39188	21.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	26311	21.161	ug/L	96
3) Chloromethane	1.25	50	33455	22.118	ug/L	99
5) Vinyl chloride	1.32	62	40101	22.833	ug/L	99
6) Bromomethane	1.51	94	21569	25.324	ug/L	99
8) Chloroethane	1.59	64	26731	24.439	ug/L	98
9) Trichlorofluoromethane	1.76	101	63171	23.894	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	37152	24.614	ug/L	98
12) 1,1-Dichloroethene	2.13	96	33436	23.657	ug/L	90
13) Acetone	2.19	43	25765	39.766	ug/L	97
14) Carbon disulfide	2.31	76	78539	22.613	ug/L	98
15) Methyl Acetate	2.46	43	17368	22.439	ug/L	97
16) Methylene chloride	2.53	84	33761	24.321	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	88261	24.939	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	30229	23.661	ug/L	98
19) 1,1-Dichloroethane	3.23	63	61051	24.753	ug/L	99
21) 2-Butanone	4.02	43	25968	42.288	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	34757	23.815	ug/L	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02594

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5/13/2019 3:45:30 AM

Quant Time: May 11 00:21:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	15756	24.017 ug/L	96
25) Chloroform	4.42	83	66001	24.291 ug/L	97
27) 1,2-Dichloroethane	5.18	62	49479	24.914 ug/L	98
30) Cyclohexane	4.72	56	52227	22.403 ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	54228	23.398 ug/L	99
32) Carbon tetrachloride	4.87	117	47329	23.444 ug/L	99
34) Benzene	5.14	78	131474	24.094 ug/L	100
35) Trichloroethene	5.96	95	35608	23.297 ug/L	98
36) Methylcyclohexane	6.17	83	55504	22.657 ug/L	100
40) 1,2-Dichloropropane	6.22	63	35884	24.721 ug/L	98
41) Bromodichloromethane	6.55	83	47334	23.732 ug/L	97
42) cis-1,3-Dichloropropene	7.07	75	54534	23.752 ug/L	96
43) 4-Methyl-2-pentanone	7.27	43	54320	44.456 ug/L	98
44) Toluene	7.43	91	149168	24.070 ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	46433	24.017 ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	28001	23.481 ug/L	98
47) Tetrachloroethene	8.02	164	24924	22.516 ug/L	93
49) 2-Hexanone	8.18	43	39212	42.210 ug/L	99
50) Dibromochloromethane	8.29	129	32765	23.893 ug/L	99
51) 1,2-Dibromoethane	8.40	107	26957	23.405 ug/L	98
52) Chlorobenzene	8.93	112	95580	23.607 ug/L	98
53) Ethylbenzene	9.05	91	169213	23.548 ug/L	98
54) m,p-Xylene	9.18	106	60221	22.431 ug/L	99
55) o-xylene	9.59	106	62762	23.569 ug/L	97
56) Styrene	9.60	104	108981	24.197 ug/L	100
57) Isopropylbenzene	9.97	105	168261	23.683 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	36291	23.229 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	28316	23.223 ug/L	98
62) Bromoform	9.77	173	16766	21.251 ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	72124	22.363 ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	74596	22.643 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	72521	23.152 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	6085	20.935 ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	51472	22.156 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	40166	22.345 ug/L	98
69) Naphthalene	13.55	128	80854	21.014 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	39320	23.319 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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